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(71) Applicants (for all designated States except US): NISSAN MOTOR CO., LTD. [JP/JP]; 2, Takara-cho, Kanagawa-ku, Yokohama-shi, Kanagawa 221-0023 (JP). NISSAN TECHNICAL CENTER NORTH AMERICA, INC. [US/US]; 39001 Sunrise Drive, Farmington Hills, MI 48331 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): OHTSUKA, Hideaki [JP/JP]; 680-3-502 Katsura-cho, Sakae-ku, Yokohama-shi, Kanagawa 247-0005 (JP). SUGITA, Hidehiko [JP/JP]; 3-4688-1 B414 Soubudai, Zama-shi, Kanagawa 228-0011 (JP).

(74) Agents: BASILE, Andrew, R., Jr. et al.; Young & Basile, P.C., 3001 West Big Beaver Road, Suite 624, Troy, MI 48064-3107 (US).

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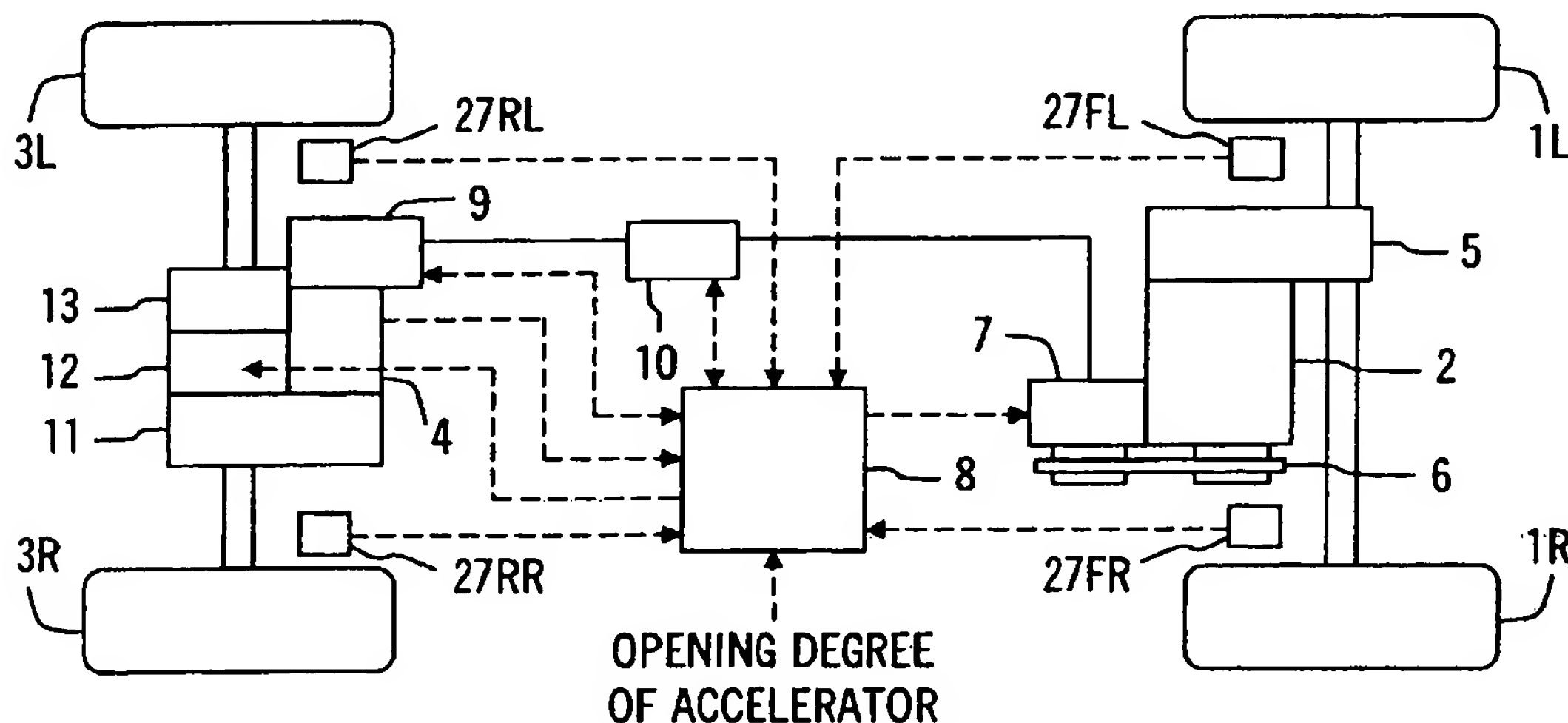
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Declarations under Rule 4.17:

- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))
- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))

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(54) Title: APPARATUS AND METHOD FOR CONTROLLING A MOTOR



(57) Abstract: A motor control device is disclosed that reduces the shock caused by torque increase during switching output of a motor's power generator from PWM wave voltage driving to square-wave voltage driving. Switching of PWM wave voltage driving and square-wave voltage driving is determined based on rotation speed of the motor and a torque instruction value. When switching from PWM wave voltage driving to square-wave voltage driving occurs, the voltage output of the power generator is reduced. When generated voltage V drops below a specified threshold voltage, PWM wave voltage driving is switched to square-wave driving.

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